



Scientific & Technical Information Center

Search Report

EJC 3600

STIC Database Tracking Number: 20071266

To: YOGESH GARG
Location: KNX-5C09
Art Unit: 3625
Monday, August 13, 2007

Case Serial Number: 20/071266

From: PAUL OBINIYI
Location: EJC3600
KNX-4B68 / KNX-4C25
Phone: (571)272-7734

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner GARG:

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

233828

EIC2100 COMMERCIAL DATABASE SEARCH REQUEST

RUSH - SPE signature required: JEFFREY A. SMITH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

Business Methods Case: 705/26-27 & 345/810,703/6,27;707/102,709/224 & 713/1

Effective filing date: 02/17/2001

Requester's Full Name: Yogesh Garg Examiner # :78595 Date: 8/9/2007

Art Unit: 3625 Phone Number 571-272-6756 Serial Number: 10/071266

Bldg & Room #: KNX 5C09 Results Format Preferred: PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following:

Title of Invention: See Copy of Palm Bib Page, enclosed..

Inventors (provide full names): See Copy of Palm Bib Page, enclosed

Earliest Priority: 05/21/1999 60/135522

Filing Date 05/19/2000

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are:
- Remarks filed on 7/30/2007 and claim 21 filed on 7/30/2007

Copy of currently amended claim 21 is enclosed with relevant drawings.

CONSIDER CLAIM 21 which is directed to a computer implemented intelligent catalog system for electronic creation, management and viewing of product information using a multimedia display system.

Concept and keyword strings are:

- (1) (database near10 storing (information or data) near10 (products or items or articles or components) near15 (object near5 model)) and ((parametric near2 objects) or (graphic near2 objects) or (document near2 objects)) and (business near2 rules near5 objects).
- (2) configuration business rules objects stored hierarchically :
(i) storing near5 (((sub near1 products) or (replacement near2 (part or product)) near10 (information or data));
(ii) storing product accessories;
(iii) (storing rules building product solutions) or (storing rules equivalence or substitution of products).
- (3) database (meta near1 data), (dynamic reconfigure\$6) applications (new near1 product add\$3).
- (4) (Content near1 translator) converting unstructured content into structured content.
- (5) user applications configuring products each containing one or more sub-products without any custom reprogramming by storing the configuration business rules objects separate from application code of the user applications.



STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:* *Example: 3620 (optional)*

➤ *Relevant prior art found, search results used as follows:*

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC 3600 PK5 Suite 804



? show files

[File 2] **INSPEC** 1898-2007/Jul W5

(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Jul

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[File 65] **Inside Conferences** 1993-2007/Aug 10

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[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jul

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[File 256] **TecInfoSource** 82-2007/Nov

(c) 2007 Info.Sources Inc. All rights reserved.

[File 474] **New York Times Abs** 1969-2007/Aug 10

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[File 475] **Wall Street Journal Abs** 1973-2007/Aug 11

(c) 2007 The New York Times. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

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**File 583: This file is no longer updating as of 12-13-2002.*

[File 23] **CSA Technology Research Database** 1963-2007/Jul

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[File 139] **EconLit** 1969-2007/Jul

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[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jul

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[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan

(c) 2006 European Patent Office. All rights reserved.

[File 347] **JAPIO** Dec 1976-2007/Mar(Updated 070809)

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[File 350] **Derwent WPIX** 1963-2007/UD=200751

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.diabg.com/dwpi/>.*

[File 371] **French Patents** 1961-2002/BOPI 200209

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*File 371: This file is not currently updating. The last update is 200209.

; d s
Set Items Description
S1 1419890 S (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD??? OR COLLECT???
OR KEEP??? OR RETAIN??? OR SAVING OR HOLD???) (3N) (INFO OR INFORMATION? ? OR DATA OR
ACCESSORIES OR RULE?? OR (SUB OR SUBSTITUTIONAL) () PRODUCT? ?)
S2 79971 S S1(7N) (((DATABASE OR DATA())BASE OR REGIST? OR DATABANK? ? OR DATATABLE?
? OR DATASET? ? OR DATAFILE? ? OR DATA OR INFORMATION OR KNOWLEDGE) () (BASE? ? OR BANK? ?
OR SET? ? OR FILE? ? OR TABLE? ?) OR DB OR (ORGANI?ED()COLLECTION? ? OR RELATED OR
INTERRELATED) (2W) (FILES OR INFORMATION OR DATA) OR DBMS OR INVENTORY OR INVENTORIES))
S3 8191 S S2(7N) (MERCANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE?
? OR THING? ? OR OBJECT? ? OR COMMODIT??? OR COMPONENT? ? OR TOOL? ? OR EQUIPMENT? ? OR
SUBPRODUCT? ? OR SUB() PRODUCT? ?)
S4 8191 S S3(7N) (DATA OR INFO OR INFORMATION OR RULE? ?)
S5 48932 S (OBJECT? ? OR MODEL? ?) (7N) (PARAMETRIC, GRAPHIC? ? OR DOCUMENT? ? OR
CONFIGURATION? ?)
S6 4244 S GRAPHIC(3N) (FILE? ? OR DOCUMENT? ? OR TEXT? ?)
S7 9704 S BUSINESS(3N) (RULE? ? OR REGULATION? ? OR POLIC? OR GUIDELINE? ?)
S8 382 S7(7N) (SUBSTITUT??? OR SUBSTITUTE?? OR REPLACEMENT OR REPLACE ??? OR
CHANG??? OR TRANSPOS???) FROM 2, 35, 65, 99, 256, 474, 475, 583, 23, 139, 56, 344, 347,
350, 371
S9 281678 S (SPONTANEOUS?? OR INSTANTANEOUS?? OR (INCUR??? OCCU?) () IMMEDIATE?? OR
ON()GOING OR SIMULTANEOUS? OR SAME()TIME OR REALTIME OR REAL()TIME OR CONCURRENT? OR
DYNAMIC?) (7N) (CONFIGUR??? OR MODIF? OR CHANG? OR CUSTOM? OR ADJUST? OR DESIGN?)
S10 19 S INTELLIGENT()CATALOG
S11 28043 S ELECTRONIC? ? (7N) (CREATION OR MANAGEMENT)
S12 1 S S10(7N) (MULTIMEDIA OR MULTI()MEDIA OR VIDEO)
S13 719 S AU=(SWANSON, L? OR SWANSON L? OR SWANSON(2N)L?)
S14 23 S S13 AND S1
S15 0 S S14 AND S2
S16 1 S S14 AND S11
S17 135 S S4 AND S5
S18 2 S S17 AND S6
S19 0 S S17 AND S7
S20 5 S S17 AND (S9:S12)
S21 61 S S4 AND (S6:S8)
S22 3 S S21 AND S9
S23 69 S S4 AND S11
S24 2 S S23 AND S17
S25 2 S S24 NOT S18

? t /3,k/all

16/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0012723620 *Drawing available*

WPI Acc no: 2002-575701/200261

XRPX Acc No: N2002-456382

Intelligent catalog system for electronic creation,management and viewing of product information using a multimedia display system has central database repository comprising meta data system, a scheme system and an object model system

Patent Assignee: EXALT SOLUTIONS INC (EXAL-N)

Inventor: SWANSON L H

Patent Family (3 patents, 98 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002063535	A2	20020815	WO 2002US3985	A	20020207	200261	B
US 20020184111	A1	20021205	US 2001266978	P	20010207	200301	E
			US 200271266	A	20020207		
AU 2002251914	A1	20020819	AU 2002251914	A	20020207	200427	E

Priority Applications (no., kind,date): US 200271266 A 20020207; US 2001266978 P 20010207

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2002063535	A2	EN	67	15	
National Designated States,Original		AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW			
Regional Designated States,Original		AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW			
US 20020184111	A1	EN			Related to Provisional US 2001266978
AU 2002251914	A1	EN			Based on OPI patent WO 2002063535

Intelligent catalog system for electronic creation,management and viewing of product information using a multimedia display system has central database repository comprising... Inventor: SWANSON L H Alerting Abstract ...NOVELTY - The system includes a central database repository storing the product information providing for an unlimited number of product attributes and dynamic reconfiguration of the product information... DESCRIPTION - INDEPENDENT CLAIMS are included for a method providing an intelligent product catalog for

electronic creation, management and viewing of product information and for a computer program product... Original Publication Data by AuthorityInventor name & address SWANSON L H... ...Swanson, Leslie H... ...SWANSON, Leslie, H **Original Abstracts:**An intelligent product catalog systemprovides for **electronic creation, management** and **viewing of product** information using a multimedia display system. A centraldatabase repository stores the product **information and** provides for an unlimited number of product attributes and dynamicreconfigurationof the product information. The central database.... An intelligent product catalog system provides fo**electronic creation, management** and viewing of product information using a **multimedia display** system. A central database repository stores the product **information** and provides for an unlimited**number** of product **attributes** and dynamic reconfiguration of the product information. The central database repository comprises a ~~meta~~ data... **Claims:**What is claimed is:1. An intelligent product catalog system fo**electronic creation, management** and viewing of product information using a **multimedia display** system comprising:a central **database** repository for storing the product **information** providing for an unlimited number of product**attributes** and dynamic **reconfiguration** of the product information,the central database repository comprising a ~~meta~~ data system, a scheme...

? t /3,k/all

18/3,K/1 (Item 1 from file:23) [Links](#)

Fulltext available through: [ScienceDirect](#)

CSA Technology Research Database

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0004078085 IP Accession No: N93-17635

Direct access and external memory management of multimedia documents , an object-oriented approach.

Part 2: The prototype

HERZNER, WOLFGANGR; HOCEVAR, ERWIN; ZOUBEK, RAINER Oesterreichisches Forschungszentrum Seibersdorf G.m.b.H., Vienna. Bereich Industrielle Messtechnik und Informationsverarbeitung.

Publication Date: 1991

Conference:

, AUSTRIA

Document Type: Report

Record Type: Abstract

Language: ENGLISH

Report No: OEFZS-4608-PT-2; ETN-92-92620

File Segment: Aerospace & High Technodogy

Direct access and external memory management of multimedia documents , an object-oriented approach.

Part 2: The prototype

Abstract:

...is developed together with the 'audio and synchronization extension' projectto show the synchronization of text and graphic of a document in combination with the audio content. (ESA)

Descriptors: *Data base management systems; *Data retrieval; * Data storage; *Distributed processing; *Documents; *Multiprocessing (computers); *Object-oriented programming; Access control; Data structures; Expert systems; Information management; Semantics

18/3,K/2 (Item 1 from file:350) [Links](#)

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0013493331 *Drawing available*

WPI Acc no: 2003-585657/200355

XRPX Acc No: N2003-466258

Host related object storage method used in Internet browsing involves computing hash value corresponding to source identifying information of each object received from server

Patent Assignee: CHAWLA R (CHAW-I); RADIA S R (RADI-I); SUN MICROSYSTEMS INC (SUNM); TSIRIGOTIS P (TSIR-I); WONG T K (WONG-I)

Inventor: CHAWLA R; RADIA S R; TSIRIGOTISP; WONG T K

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030093645	A1	20030515	US 2001987249	A	20011114	200355	B
US 6754800	B2	20040622	US 2001987249	A	20011114	200445	E

Priority Applications (no., kind,date): US 2001987249 A 20011114

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030093645	A1	EN	14	8	

Alerting Abstract ... USE - For storing host related objects like HTML documents, graphic files collected from web server, in client computers during Internet browsing... Original Publication Data by Authority.Original Abstracts:plurality of objects from an origin server and computes a hash value based on source information about an object. Then the computer system stores the object based on the hash value with other related objects. Additionally a computer system consistent with the present invention may...

20/3,K/1 (Item 1 from file:350) [Links](#)

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0012677869 *Drawing available*

WPI Acc no: 2002-528226/200256

XRPX Acc No: N2002-418209

Computer-based management system for multiple network resources, uses web technology to receive and store information relating to back-end resources and provide a framework to allow client computers to manage them

Patent Assignee: BHATIA B (BHAT-I); GALLAGHER L (GALL-I); GANESAN A(GANE-I); HALL A B (HALL-I); HAYES A (HAYE-I); HODGE K (HODG-I); JOHNSTON J (JOHN-I); KIERNAN C (KIER-I); MACMAHON M (MACM-I); MARTINO T (MART-I); MICROSOFT CORP (MICT); NEDUNGADI K (NEDU-I); RAJARAJAN V (RAJA-I); ROBISON J (ROBI-I); ROHWER C (ROHW-I); ZIMNICKAS A (ZIMN-I); ZIMNICKS A (ZIMN-I)

Inventor: BHATIA B; BHATIA B D; GALLAGHER L; GANESAN A; GANESAN A K; GLLAGHER L; HALL A B; HAYES A; HAYES A R; HODGE K; JOHNSTON J; KIEMAN C; KIERNAN C; MACMAHON M; MARTINO T; NEDUNGADI K; RAJARAJAN V; ROBINSON J; ROBISON J; ROHWER C; ZIMNICKAS A; ZIMNICKS A

Patent Family (13 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002048866	A2	20020620	WO 2001US48014	A	20011211	200256	B
AU 200235190	A	20020624	AU 200235190	A	20011211	200267	E
US 20020143949	A1	20021003	US 2000255041	P	20001211	200267	E
			US 2000255042	P	20001211		
			US 2000255043	P	20001211		
			US 2000255044	P	20001211		
			US 2000255050	P	20001211		
			US 2000255051	P	20001211		
			US 2000255052	P	20001211		
			US 2000255153	P	20001211		
			US 2000255238	P	20001211		
			US 200114293	A	20011211		
US 20020147709	A1	20021010	US 2000255041	P	20001211	200269	E
			US 2000255042	P	20001211		
			US 2000255043	P	20001211		
			US 2000255044	P	20001211		
			US 2000255050	P	20001211		
			US 2000255051	P	20001211		
			US 2000255052	P	20001211		
			US 2000255153	P	20001211		
			US 2000255238	P	20001211		
			US 200115129	A	20011211		

			Related to Provisional	US 2000255052
			Related to Provisional	US 2000255153
			Related to Provisional	US 2000255238
US 20060129940	A1	EN	Related to Provisional	US 2000255041
			Related to Provisional	US 2000255042
			Related to Provisional	US 2000255043
			Related to Provisional	US 2000255044
			Related to Provisional	US 2000255050
			Related to Provisional	US 2000255051
			Related to Provisional	US 2000255052
			Related to Provisional	US 2000255153
			Related to Provisional	US 2000255238
			Continuation of application	US 200114120
			Continuation of patent	US 6996778

Original Publication Data by Authority... **Original Abstracts:** to back-end resources and the objects managed by the resources. Initially a first schema **document** conforming to a property sheet definition, such as an XML document type definition, is used.... different property pages may originate from different resources. Using the property sheet and its associated **property** pages, a representation of the **object** may then be displayed..... resources in a uniform manner. In accordance with one method, a request is received to **display object information** from different network resources. In response, attribute and task information is retrieved from the appropriate.... **Claims:** type; receiving information from a second resource related to a second task, the second task associated with the first managed**object**; storing the **information** received from the second resource in association with the information received from the first resource.... resource maintaining a plurality of objects, a method of representing at least one of the**objects** comprising: receiving a first schema **document** that conforms to a property sheet definition such that the first schema **document** defines a.... W... What is claimed is: 1. A method of displaying **management information** related to managed network resources, each network resource having at least one logical object each.... network resources, wherein the task information identifies functions performable by the different network resources to change attributes of the first logical object that are managed by the different network resources and effect that r...

Garg, Yogesh

From: Giovanna Fessenden [Giovanna.Fessenden@hbsr.com]
Sent: Monday, August 13, 2007 3:52 PM
To: Garg, Yogesh
Subject: RE: Application No. 10/071,266, Filed February 7, 2002 (Our Docket Number: 3161.1000-001)



3161 1000-001

2007 08 13 Ex.

Examiner Garg,

Attached are the claim amendments.

Thank you for your assistance with this matter.

Best regards,
Giovanna

Giovanna H. Fessenden, Esq.
Hamilton, Brook, Smith & Reynolds, P.C.
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Fax.: (978) 341-0136
email: giovanna.fessenden@hbsr.com
<http://www.hbsr.com/>

-----Original Message-----

From: Garg, Yogesh [mailto:Yogesh.Garg@USPTO.GOV]
Sent: Saturday, August 11, 2007 11:52 AM
To: Giovanna Fessenden
Subject: RE: Application No. 10/071,266, Filed February 7, 2002 (Our Docket Number: 3161.1000-001)

Thanks for your e-mail. Suggest following change:

including "executable" object model code on a computer readable medium.
Adding "executable" does not change the subject matter. Hope it is acceptable. Pls. confirm.

Best regards

Yogesh Garg
Primary Examiner AU3625

-----Original Message-----

From: Giovanna Fessenden [mailto:Giovanna.Fessenden@hbsr.com]

20/3,K/2 (Item 2 from file:350) [Links](#)

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0012313724 *Drawing available*

WPI Acc no: 2002-255232/200230

XRPX Acc No: N2002-197301

Computing system for information management for managing multiple files from file system, includes object oriented manager that changes file by modifying attributes stored in relational database

Patent Assignee: SOFTSCAPE INC (SOFT-N); WATKINS D V (WATK-I); WATKINS H C (WATK-I); WATKINS R M (WATK-I)

Inventor: WATKINS D V; WATKINS H C; WATKINS RM

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010054042	A1	20011220	US 199617450	P	19960517	200230	B
			US 1997857576	A	19970516		
US 6457017	B2	20020924	US 1997857576	A	19970516	200266	E

Priority Applications (no., kind,date): US 199617450 P 19960517; US 1997857576 A 19970516

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20010054042	A1	EN	26	18	Related to Provisional	US 199617450

Original Publication Data by Authority
Original Abstracts: An information management system includes an indexing subsystem and a **document** management subsystem. The system layers an **object-oriented** architecture over a relational database to manage folders and files from a variety of file systems. Managed files... ... An information management system includes an indexing subsystem and a **document** management subsystem. The system layers an **object-oriented** architecture over a relational database to manage folders and files from a variety of file systems. Managed files are... ...
Claims: the content of the managed files in an indexed database; coupling a manager subsystem, configurable in an **object-oriented** architecture to the **document** database and the index database; from the manager subsystem, effecting changes to the managed**document** by modifying the**document** database; from the manager, synchronizing the index database and the filesystem with the modified document database; from the manager, instantiating a plurality of base **objects** from a plurality of dynamic**document** definitions, the relationships between the base **objects** being defined by information stored in the **document** database, the base **objects** representing a subsection of the **documents**; and from the manager, upon request, displaying contents of a **document** having a file format in the file system chosen from a plurality of supported file formats; wherein the stored**document** attributes are dynamically customizable and include an ordered sequence between a plurality of sibling managed documents.

20/3,K/3 (Item 3 from file:350) [Links](#)

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0010654311 *Drawing available*

WPI Acc no: 2001-262270/200127

XRPX Acc No: N2001-187624

Electronic documentation assistance apparatus for word processor, stores assistance program for performing editing of documents based on edit program, when edit demand is input

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: OKIYAMA S; SHIMADA T; TONOMURA K; WADA N; YAMAGUCHI M; MAMEDA M; TONOMURA M

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2001052087	A	20010223	JP 1999223057	A	19990805	200127	B
JP 3634199	B2	20050330	JP 1999223057	A	19990805	200522	E
US 20060206814	A1	20060914	US 2000626966	A	20000727	200661	E
			US 2006417179	A	20060504		

Priority Applications (no., kind,date): JP 1999223057 A 19990805

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2001052087	A	JA	38	39		
JP 3634199	B2	JA	35		Previously issued patent	JP 2001052087
US 20060206814	A1	EN			Division of application	US 2000626966

...Original Titles: Electronic document creation support apparatus and an electronic document creation support data component creating apparatus**Alerting Abstract** ...NOVELTY - Model text file (38) with model description sentence data of electronic documents and edit program for editing documents, are stored in separate memory. The model text files are read-out, when a demand of description sentence data is displayed in.... ADVANTAGE - The description sentence data corresponding to specific information in model document, is displayed only when an operator demands it.Original Publication Data by Authority**Original Abstracts:** Several components include a model document file, a help file describing an explanatory text as to this model document file, a component specific wizard program or a script file for screen definition for general purpose wizard for to be used for setting concrete information to items in this model document file, and a component information file for associating these with one another. When any of the components is selected... ..the wizard program associated with the component to set concrete information to items in the model document file. **Claims:** What is claimed is1. An electronic document creation support apparatus for editing an electronic document template that is a file used as a template to create objective electronic documents, the apparatus comprising: an input device;a display unit... ... information;a processing unit to execute processing of programs;a first storage medium containing an electronic document creation package

comprising the **electronic** document template having a plurality of fields to be filled **with** concrete **information**, an item entry **support** wizard for making said processing unit sequentially set pieces of information entered through said input... ... that correspond to the fields in said document template, and a data file comprising packaging **information** identifying said electronic document template and said item entry support wizard; a **second storage** medium containing **an** editing program for editing said **electronic** document **template** and objective electronic documents created therefrom; and a third storage medium containing a support program...

20/3,K/4 (Item 4 from file:350) [Links](#)

Derwent WPIX

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0008841065 *Drawing available*

WPI Acc no: 1998-387487/199833

XRPX Acc No: N1998-302215

Network configuration management system for digital communication network e.g. video dial tone network - has contract system which assigns identified logical assignments to provisioned logical assignments so as to provide specific infrastructure option between specified locations

Patent Assignee: BELL ATLANTIC NETWORK SERVICES(BELL-N)

Inventor: CURTIS D C; CURTISK P; DENUNZIO D D; REED W P; WOLAK R A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5774689	A	19980630	US 1995532314	A	19950922	199833	B

Priority Applications (no., kind,date): US 1995532314 A 19950922

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5774689	A	EN	29	12	

Original Publication Data by Authority...**Original Abstracts:**apparatus and method) for dynamically provisioning infrastructure components in a digital communication network using an**object-oriented relational paradigm**. A network **configuration** system, also referred to as a video support system, stores all **related information** on each of the infrastructure **components** (IFCs) as **objects in an object oriented relational database**, including the functions capabilities, locations, when and how the IFCs are assigned.... technology devices to be added to the infrastructure, and enables intelligent infrastructure components to perform**dynamic** and adaptive configurationswith minimal modification in the provisioning system.>

20/3,K/5 (Item 5 from file:350) [Links](#)

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0008764658 *Drawing available*

WPI Acc no: 1998-307748/199827

XRPX Acc No: N1998-241916

Document information management system for man-machine interface - has facsimile which transmits selection information and link information written on paper to control terminal equipment

Patent Assignee: RICOH KK (RICO)

Inventor: ISHIJIMA H; ISHIJIMA T; TABATA Y; YANO T

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10111871	A	19980428	JP 1996266433	A	19961007	199827	B
US 6014668	A	20000111	US 1997946670	A	19971007	200010	E
JP 3478681	B2	20031215	JP 1996266433	A	19961007	200405	E

Priority Applications (no., kind,date): JP 1996266433 A 19961007

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 10111871	A	JA	17	14		
JP 3478681	B2	JA	16		Previously issued patent	JP 10111871

Original Publication Data by Authority... **Original Abstracts:** related to respectively corresponding information components. A sheet-formed information medium is provided on which document objects including the information components, link information for linking a source data file with a corresponding... **Claims:** A document information management system, comprising: electronic file storing means for storing a plurality of electronic source data files each including information related to a corresponding one of information components, each one of said plurality of said electronic source data files being linked with and accessed by said corresponding one of said plurality of said information components; at least one paper sheet-formed information medium on which at least one document object including at least one of said plurality of said information components is pre-recorded, on which link a hyper-text link... components from among said plurality of said information components included in said plurality of said document objects recorded on said at least one paper sheet-formed information medium is recorded; a control terminal apparatus connected to said electronic..

? t /3,k/all

22/3,K/1 (Item 1 from file:350) [Links](#)

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0016114112 *Drawing available*

WPI Acc no: 2006-645741/200667

XRPX Acc No: N2006-520419

Clustered digitally stored objects display system displays clustered graphical presentation of images of objects comprising link token to associated destination object

Patent Assignee: LIN-HENDEL C (LINH-I)

Inventor: LIN-HENDEL C

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7096426	B1	20060822	US 1999133115	P	19990507	200667	B
			US 2000564311	A	20000503		

Priority Applications (no., kind,date): US 1999133115 P 19990507; US 2000564311 A 20000503

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7096426	B1	EN	62	24	Related to Provisional	US 1999133115

Alerting Abstract ... USE - For displaying clustered presentation of digitally stored objects such as **text, graphic, icon, audio and video segments**. Original Publication Data by Authority. **Original Abstracts**: embedded with each of its own link-tokens and connected to a different set of **related information and objects**. The clustering also enables simultaneous and **collective access of information associated** to all objects in the cluster. A method and apparatus for composing the clustered image from individual images, partitioning existing integrated images... .**Claims**: least one associated destination object for simultaneously and collectively accessing and displaying the at least one associated destination object, the computer being **configured** to display a script box describing the at least one associated destination object when a...

22/3,K/2 (Item 2 from file:350) [Links](#)

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0014601120 *Drawing available*

WPI Acc no: 2004-783086/200477

XRPX Acc No: N2004-617099

Business applications specifying and implementing method for e-business environment, involves parsing and normalizing users` input defining business rules for business objects, and updating objects within repository

Patent Assignee: CARRARO R(CARR-I); VERONESE L (VERO-I)

Inventor: CARRARO R; VERONESE L

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040210445	A1	20041021	US 2001825960	A	20010405	200477	B

Priority Applications (no., kind,date): US 2001825960 A 20010405

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040210445	A1	EN	22	10	

...specifying and implementing method for e-business environment, involves parsing and normalizing users` input defining business rules for business objects, and updating objects within repository Alerting Abstract ...set of database tables in a data warehouse. Input from users defining a set of business rules associated with the objects is accepted. The input is parsed and normalized, and the objects.... ADVANTAGE - The method allows to specify new business rules driving the business application, to modify the dynamic behavior of the related GUI and to generate new application modules in an easy and specialized analysts or programmers. The method also allows a development organization to manage the application business rules independent of the software artifacts, thus reducing business software development costs, and enabling reuse in....is accessible through an Internet browser so that anyone within the company can know which business rules are in use at the organization and how processes work... Original Publication Data by Authority..Original Abstracts:and implementing complex business applications to be integrated within an e-business environment, decoupling the specification of the business rules driving the application and the user interface components from the actual implementation and generation of the software package. ...Claims:modular, intercommunicating objects, comprising the steps of: providing a plurality of database tables within said data warehouse; starting from said plurality of database tables, generating a number of business objects stored in said repository; accepting input from users defining a plurality of business rules associated with said business objects; parsing and normalizing said input from users and updating said business objects within said repository; generating source code for said application core and said graphical user interface.

22/3,K/3 (Item 3 from file:350) [Links](#)

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0012788590 *Drawing available*

WPI Acc no: 2002-644089/200269

XRPX Acc No: N2002-509162

Dynamically accessing, processing, and presenting data acquired from disparate data sources for business analysis in real-time

Patent Assignee: NWABUEZE E K (NWAB-I); SAGEMETRICSCORP (SAGE-N)

Inventor: NWABUEZE E K; NWABUEZE K E

Patent Family (8 patents, 98 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002076005	A2	20020926	WO 2002US7927	A	20020315	200269	B
US 20020144174	A1	20021003	US 2001810676	A	20010315	200278	E
US 6611839	B1	20030826	US 2001810389	A	20010315	200357	E
US 6643635	B2	20031104	US 2001810676	A	20010315	200374	E
US 20040044665	A1	20040304	US 2001810676	A	20010315	200417	E
			US 2003654541	A	20030902		
AU 2002254230	A1	20021003	AU 2002254230	A	20020315	200432	E
US 6959306	B2	20051025	US 2001810676	A	20010315	200570	E
			US 2003654541	A	20030902		
AU 2002254230	A8	20051013	AU 2002254230	A	20020315	200611	E

Priority Applications (no., kind,date): US 2003654541 A 20030902; US 2001810676 A 20010315; US 2001810389 A 20010315

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2002076005	A2	EN	56	19	
National Designated States,Original		AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW			
Regional Designated States,Original		AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW			
US 20040044665	A1	EN			Division of application US 2001810676
					Division of patent US 6643635
AU 2002254230	A1	EN			Based on OPI patent WO 2002076005
US 6959306	B2	EN			Division of application US 2001810676

				Division of patent	US 6643635
AU 2002254230	A8	EN		Based on OPI patent	WO 2002076005

Alerting Abstract ... eliminates the need to continually access various data sources to provide requested reports. Can provide **customer** with **dynamic** reports in **real-time**, thereby allowing for time sensitive and mission critical business decisions to be made with current...Original Publication Data by Authority.**Original Abstracts**:and eliminating the need to continually access various data sources to provide requested reports. The**customer** can thus be **provided** with **dynamic** reports in **real-time**, thereby allowing for time sensitive and mission critical business decisions to be made with current... ... and eliminating the need to continually access various data sources to provide requested reports. The **customer** can thus be provided with**dynamic** reports in **real-time**, thereby allowing for timesensitive and mission critical business decisions to be made with current data... ... and eliminating the need to continually access various data sources to provide requested reports. The**customer** can thus be provided with**dynamic** reports in **real-time**, thereby allowing for time sensitive and mission critical business decisions to be made with current data. and eliminating the need to continually access various data sources to provide requested reports. The **customer** can thus be provided with**dynamic** reports in **real-time**, thereby allowing for timesensitive and mission critical business decisions to be made with current data. ...**Claims**:the raw data type specific compartments to processed data type specific compartments to define processed**data**, the transferring being configured to detect a data type of each raw data type specific compartment and load**data components** of each raw data type specific compartment into the respective processed data type specific compartment based on the detected... ... What is claimed is:1. A method for acquiring and presenting data for**business analysis**, comprising:identifying a set of data sources to be accessed;accessing each of the set...

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25/3,K/1 (Item 1 from file:350) [Links](#)

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0010654311 *Drawing available*

WPI Acc no: 2001-262270/200127

XRPX Acc No: N2001-187624

Electronic documentation assistance apparatus for word processor, stores assistance program for performing editing of documents based on edit program, when edit demand is input

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: OKIYAMA S; SHIMADA T; TONOMURA K; WADA N; YAMAGUCHI M; MAMEDA M; TONOMURA M

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2001052087	A	20010223	JP 1999223057	A	19990805	200127	B
JP 3634199	B2	20050330	JP 1999223057	A	19990805	200522	E
US 20060206814	A1	20060914	US 2000626966	A	20000727	200661	E
			US 2006417179	A	20060504		

Priority Applications (no., kind,date): JP 1999223057 A 19990805

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2001052087	A	JA	38	39		
JP 3634199	B2	JA	35		Previously issued patent	JP 2001052087
US 20060206814	A1	EN			Division of application	US 2000626966

...Original Titles:**Electronic document creation support apparatus and an electronic document creation support data component creating apparatus****Alerting Abstract** ...NOVELTY - Model text file (38) with model description sentence data of electronic documents and edit program for editing documents, are stored in separate memory. The model text files are read-out, when a demand of description sentence data is displayed in.... ADVANTAGE - The description sentence data corresponding to specific information in model document, is displayed only when an operator demands it.Original Publication Data by Authority**Original Abstracts:**Several components include a model document file, a help file describing an explanatory text as to this model document file, a component specific wizard program or a script file for screen definition for general purpose wizard to be used for setting concrete information to items in this model document file, and a component information file for associating these with one another. When any of the components is selected.... the wizard program associated with the component to set concrete information to items in the model document file. **Claims:**What is claimed is1. An electronic document creation support apparatus for editing an electronic document template that is a file used as a template to create

objective electronic documents, the apparatus comprising: an input device; a display unit... ... information; a processing unit to execute processing of programs; a first storage medium containing an **electronic document creation** package comprising the **electronic** document template having a plurality of fields to be filled with concrete **information**, an item entry support wizard for making said processing unit sequentially set pieces of information entered through said input... ... that correspond to the fields in said document template, and a data file comprising packaging **information** identifying said electronic document template and said item entry support wizard; a second storage medium containing an editing program for editing said electronic document template and objective electronic documents created therefrom; and a third storage medium containing a support program...

25/3,K/2 (Item 2 from file:350) [Links](#)

Derwent WPIX

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0008764658 *Drawing available*

WPI Acc no: 1998-307748/199827

XRPX Acc No: N1998-241916

Document information management system for man-machine interface - has facsimile which transmits selection information and link information written on paper to control terminal equipment

Patent Assignee: RICOH KK (RICO)

Inventor: ISHIJIMA H; ISHIJIMA T; TABATA Y; YANO T

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Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
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US 6014668	A	20000111	US 1997946670	A	19971007	2000010	E
JP 3478681	B2	20031215	JP 1996266433	A	19961007	200405	E

Priority Applications (no., kind,date): JP 1996266433 A 19961007

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 10111871	A	JA	17	14		
JP 3478681	B2	JA	16		Previously issued patent	JP 10111871

Original Publication Data by Authority... **Original Abstracts:** related to respectively corresponding information components. A sheet-formed information medium is provided on which ~~document objects~~ including the information components, link information for linking a source data file with a corresponding... **Claims:** A document information management system, comprising: electronic file storing means for storing a plurality of electronic source data files each including information related to a corresponding one of information components, each one of said plurality of said electronic source data files being linked with and accessed by said corresponding one of said plurality of said information components; at least one paper sheet-formed information medium on which at least one ~~document object~~ including at least one of said plurality of said information component is pre-recorded; on which link a hyper-text link... components from among said plurality of said information components included in said plurality of said ~~document objects~~ recorded on said at least one paper sheet-formed information medium is recorded; a control terminal apparatus connected to said electronic..

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*File 624: Homeland Security & Defense and 9 Plat energy journals added Please see HELP NEWS624 for more

[File 634] **San Jose Mercury** Jun 1985-2007/Aug 09
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; d s
Set Items Description
S1 2676618 S (STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD??? OR COLLECT???
OR KEEP??? OR RETAIN??? OR SAVING OR HOLD???) (3N) (INFO OR INFORMATION? ? OR DATA OR
ACCESSORIES OR RULE?? OR (SUB OR SUBSTITUTIONAL) () PRODUCT? ?)
S2 87934 S S1(7N) (((DATABASE OR DATA())BASE OR REGIST? OR DATABANK? ? OR DATATABLE?
? OR DATASET? ? OR DATAFILE? ? OR DATA OR INFORMATION OR KNOWLEDGE) ()(BASE? ? OR BANK? ?
OR SET? ? OR FILE? ? OR TABLE? ?) OR DB OR (ORGANI?ED()COLLECTION? ? OR RELATED OR
INTERRELATED) (2W) (FILES OR INFORMATION OR DATA) OR DBMS OR INVENTORY OR INVENTORIES))
S3 10393 S S2(7N) (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE?
? OR THING? ? OR OBJECT? ? OR COMMODIT??? OR COMPONENT? ? OR TOOL? ? OR EQUIPMENT? ? OR
SUBPRODUCT? ? OR SUB() PRODUCT? ?)

S4 10349 S S3(7N) (DATA OR INFO OR INFORMATION OR RULE? ?)
S5 96272 S (OBJECT? ? OR MODEL? ?) (7N) (PARAMETRIC, GRAPHIC? ? OR DOCUMENT? ? OR
CONFIGURATION? ?)
S6 32475 S GRAPHIC(3N) (FILE? ? OR DOCUMENT? ? OR TEXT? ?)
S7 2145647 S BUSINESS(3N) (RULE? ? OR REGULATION? ? OR POLIC? OR GUIDELINE? ?)
S8 23293 S7(7N) (SUBSTITUT??? OR SUBSTITUTE?? OR REPLACEMENT OR REPLACE ??? OR
CHANG??? OR TRANSPOS???) FROM 15, 16, 148, 160, 275, 621, 13, 75, 95, 9, 20, 476, 610,
613, 624, 634, 636, 810, 813, 625, 268, 626, 267, 348, 349
S9 1062801 S (SPONTANEOUS?? OR INSTANTANEOUS?? OR (INCUR??? OCCU?) () IMMEDIATE?? OR
ON()GOING OR SIMULTANEOUS? OR SAME()TIME OR REALTIME OR REAL()TIME OR CONCURRENT? OR
DYNAMIC?) (7N) (CONFIGUR??? OR MODIF? OR CHANG? OR CUSTOM? OR ADJUST? OR DESIGN?)
S10 202 S INTELLIGENT() CATALOG
S11 333009 S ELECTRONIC? ? (7N) (CREATION OR MANAGEMENT)
S12 1 S S10(7N) (MULTIMEDIA OR MULTI()MEDIA OR VIDEO)
S13 221 S AU=(SWANSON, L? OR SWANSON L? OR SWANSON(2N)L?)
S14 18 S S13 AND S1
S15 3 S S14 AND S2
S16 63 S S4(10N)S5
S17 0 S S16(7N)S6
S18 0 S S16(7N)S7
S19 0 S S16(7N)S8
S20 6 S S4(7N)S6
S21 6 S S20 NOT S15
S22 32 S S4(10N)S7
S23 14 RD S22 (unique items)
S24 14 S S23 NOT (S15 OR S21)
S25 18 S S22 NOT S24
S26 4 IDPAT S25 (sorted in duplicate/non-duplicate order) FROM 348, 349
S27 4 IDPAT S25 (primary/non-duplicate records only) FROM 348, 349
S28 0 S S4(7N)S8
S29 88 S S4(10N)S9
S30 0 S S29(15N)S16

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15/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00623611

SYSTEM AND METHOD FOR COMPUTER BASED TESTING

SYSTEM UND VERFAHREN ZUR COMPUTERUNTERSTUETZTEN PRUEFUNG

SYSTEME ET PROCEDE D'EXAMEN INFORMATISE

Patent Assignee:

- **EDUCATIONAL TESTING SERVICE; (688290)**
Rosedale Road, 04-C; Princeton New Jersey 08541; (US)
(Proprietor designated states: all)

Inventor:

- **KERSHAW, Roger, C.**
P.O. Box 50; Hopewell, NJ 08525; (US)
- **ROMANO, Frank, J.**
270 Old York Road; Yardville, NJ08620; (US)
- **SWANSON, Leonard, C.**
45 Mountain Church Road; Hopewell, NJ 08525; (US)
- **WARD, William, C., Jr.**
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- ...US)
;
;
- **SWANSON, Leonard, C...**
;
;

Legal Representative:

- **Robinson, Nigel Alexander Julian (69551)**
D. Young & Co., 21 New Fetter Lane; London EC4A 1DA; (GB)

	Country	Number	Kind	Date	
Patent	EP	664041	A1	19950726	(Basic)
	EP	664041	A1	19951115	
	EP	664041	B1	19991208	
	WO	9409466		19940428	
Application	EP	93923861		19931012	
	WO	93US9767		19931012	
Priorities	US	958997		19921009	
	US	82058		19930622	

Designated States:

DE; FR; GB; IT;

International Patent Class (V7): G09B-007/00; G09B-007/02; G09B-007/077

NOTE: No A-document published by EPO

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS B	(English)	9949	2649
CLAIMS B	(German)	9949	2719
CLAIMS B	(French)	9949	2938
SPEC B	(English)	9949	36708
Total Word Count (Document A) 0			
Total Word Count (Document B) 45014			
Total Word Count (All Documents) 45014			

Specification: ...36 permits the transfer of applications and computerized tests to the test centers and examinee records and reporting information (data related to system errors and test/workstation security) from the test centers to the central... ...security data and reporting data). Reporting data is used to create the necessary reports. Program data such as examinee records, are processed to consolidate and reformat the information in a form suitable for postprocessing. The.... ...inclusion in an exam. Associated with each item stored in the central item database is data stored in fields related to the item's answer key, revisions it has undergone, a list...central database software. Through a statistical feedback system, this statistical data is added to the data stored in the central item database.

New items may be written by test developers at the...be presented within a session script are: General information screen units, Tutorial units, Break units, Data collection units, Scoring and reporting units, and Testing units.

The session control information contains the default... ...should be understood that multiple procedures could be supported; the length of the break.

The data collection unit is used to obtain additional information from the examinee such as demographic or debriefing... ...of the testing unit, in which no scoring is done. Like the testing unit, a data collection unit references a test script, which controls the sequence and options of the unit...and moves to the next screen, data is written to an end item event log record. The data fields provided by a log record created upon the End Item event are shown in... ...numeric response. The "response data format" field 440 indicates which response data type the response data is stored in the log record. This field may also indicate that no response data was providedan item has the second response data type then the examinee's entered response is stored in the "response data" field 444.

IV. The Test Administration System

A. Functional Overview

An administrative application and various....network environments, the workstations may have hard disk storage devices or be diskless workstations that store all information on the server. One station in each local area network center is designated the "master...presents the same and test information to the examinee. If the examinee confirms that the information is correct, a record indicating that a test was administered is written to a security dg file and

the...then the security log file may be considered corrupt. A checksum may be performed on the **data** in the log **record** as is well known and the result stored in the CHECKSUM field 2404. The name...reopened at 1206, the Examinee Confirmation screen may then be displayed at 1208 from the **information stored** in the Session file. In a preferred embodiment, the examinee is prompted to continue from..1. The NDDS 2002 further utilizes other information to process the input files 2001. This **information is stored** in NDDS files which may be categorized as either system files or application files. In...Event Log Database. The master record is written to the CBTN database and contains linking **information** to the other **records** in the database. The reconciliation record preferably contains system generated and administrator entered test administration...a different full name as an existing database record are preferably processed as separate examinee **records**.

8. CBTN Information Component

This component consists of an application for adding, updating and deleting the CBTN database...formatted screen such as that in Figure 100C will then be displayed. To display the **information** for any **other record** on the screen listed in Figure 101C, the cursor should be placed on the desired...

Claims: ...a plurality of predetermined events are monitored by said test delivery system each event and **related information** being **stored** within a log record, a combination of log records created during the delivery of said...
...delivery of said computerized test are monitored by said test delivery system, each event and **related information** being **stored** within a log record, a combination of said log records storing events related to errors...comprising the steps of:

preparing at least one of the following units:

(1) an examinee **data collection** unit having at least one inquiry to be presented to examinees to obtain information about... ...reporting of at least one computerized test; and

defining a sequence in which said examinee **data collection** units, scoring and reporting units testing units, GIS units, and tutorial units are to be ...

15/3K/2 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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00929486

INTELLIGENT MULTIMEDIA E-CATALOG

CATALOGUE MULTIMEDIA ELECTRONIQUE INTELLIGENT

Patent Applicant/Patent Assignee:

- **EXALT SOLUTIONS INC**; 98 B Kinnard Street, Cambridge, MA 02139
US; US(Residence); US(Nationality)

Legal Representative:

- **REYNOLDS Leo R(et al)(agent)**

Hamilton, Brook, Smith & Reynolds, P.C., 530 VirginiaRoad, P.O. Box 9133, Concord, MA 01742-9133; US;

	Country	Number	Kind	Date
Patent	WO	200263535	A2	20020815
Application	WO	2002US3985		20020207
Priorities	US	2001266978		20010207

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 13729

Detailed Description:

...and viewing of product information using a multimedia display system. A central database repository for storing the product information provides for an unlimited number of product attributes and dynamic reconfiguration of the product...for each item. Indices are maintained to improve access and update performance. Metadata is also stored,

including product rules, business rules, historical information rules and system configuration rules.

Applications 109 provide capabilities to access....interface for Web conferencing and customization/personalization 112 is also provided.

Central database repository 108 stores information for e-catalog 110 and includes meta data 186 used to describe the...time, with fewer mistakes. Additionally, customization provides for defining an unlimited number of views of data stored in the central database repository 108.

Among the various views, some views can be country. configuration rules 194 provide system-wide constraints checking, System configuration rules may also include "budget" rules. Budget rule keep a running total of attributes of the product being added to a system to ensure....e.g., 5 USD per dozen) and conditions to each parameter (e.g., "on Wednesdays"),

Configuration Rules: store rules for products and product lines. These rules include knowledge of allowable features per product, optional...new or Other RDBMS.

Development Publishing

Product

Data Entry General Data AutoCAD AutoCAD Technical Parametric Data

Application Entry StatusStore IGES DWG convert Publishing Entry Software

Screen and convert to to SVG. Software (FORM 1... ...CP

scheme. Some of the content can be stored in Oracle 8i (or other appropriate DBMS). Other data will be stored in a file system outside of the DBMS. Links will be created between the data content, including all of the links necessary inside...in the background. It monitors the required frequency of -updates for each subscriber which is stored in the subscription rule user profiles and the most recent delta changes to the e-catalogWhen there is...

Claims:

...of product information using a multimedia display system

comprising:a central database repository for storing the product informationproviding for an unlimited number of product attributes and dynamic reconfiguration of the product information... ...product information using a multimedia display system comprising: accessing a central database repository for storing the product information providing for an unlimited number of product attributes and dynamic reconfiguration of the product information...embodied on the computerusable medium, including instructions to:access a central database repository for storing the product information providing for an unlimited number of product attributes and dynamic reconfiguration of the product information...

21/3,K/2 (Item 1 from file:621) [Links](#)

Gale Group New Prod.Annou.(R)

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01214549 **Supplier Number:** 43709454 (**USE FORMAT 7 FOR FULLTEXT**)

SirlinVIEW/PLUS 2.5 Softdesk Version Released

News Release , p 1

March 15 , 1993

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 656

...Technical Partners Program.

Using SirlinVIEW/PLUS 2.5, users can view AutoCAD drawings (and other graphic files), and perform "SHOW ME" queries on related databases. Data records corresponding to objects in the drawing can be retrieved and displayed in a pop-up window, simply by...

21/3K/3 (Item 1 from file:348) [Links](#)

EUROPEAN PATENTS

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00835606

Virtual camera console

Virtuelle Kamerakonsole

Console de camera virtuelle

Patent Assignee:

- **Atelier de Production Multimedia;** (2224900)
Zac des Mercieres, Technopolis 4; 60200 Compiegne; (FR)
(applicant designated states: BE;DE;ES;GB;IT;NL;PT)

Inventor:

- **Garnier, Gerard**
158 Rue de Saint Pathus; 60330 Lagny le Seç (FR)

Legal Representative:

- **Debay, Yves (49427)**
Cabinet Yves Debay, 122 Elysee 2; 78170 La Celle Saint Cloud; (FR)

	Country	Number	Kind	Date	
Patent	EP	773516	A1	19970514	(Basic)
Application	EP	96402426		19961113	
Priorities	FR	9513411		19951113	

Designated States:

BE; DE; ES; GB; IT; NL; PT;

International Patent Class (V7): G06T-015/70; ; **Abstract** ...use in monitoring progress of sporting event

Abstract ...use in monitoring progress of sporting event

Abstract Word Count: 133

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: French

Procedural: French

Application: French

Available Text	Language	Update	Word Count
CLAIMS A	(French)	EPAB97	676
SPEC A	(French)	EPAB97	4472
Total Word Count (Document A) 5148			

21/3K/4 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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01504572

**INFORMATION STORAGE MEDIUM, INFORMATION REPRODUCING APPARATUS, AND
INFORMATION REPRODUCING METHOD**

SUPPORT D'ENREGISTREMENT ET DISPOSITIF ET PROCEDE DE REPRODUCTION DE DONNEES

Patent Applicant/Patent Assignee:

- **KABUSHIKI KAISHA TOSHIBA**; 1-1, Shibaura 1-chome, Minato-ku Tokyo, 1058001
JP; JP (Residence); JP (Nationality)
(For all designated states except: US)
- **ANDO Hideo**;
; JP (Residence); JP (Nationality)
- **SHUTO Eita**;
; JP (Residence); JP (Nationality)
- **TSUMAGARI Yasufumi**;
; JP (Residence); JP (Nationality)
- **TOYAMA Haruhiko**;
; JP (Residence); JP (Nationality)
- **KOBAYASHI Takero**;
; JP (Residence); JP (Nationality)

Patent Applicant/Inventor:

- **ANDO Hideo**
; ; JP (Residence); JP (Nationality);
- **SHUTO Eita**
; ; JP (Residence); JP (Nationality);
- **TSUMAGARI Yasufumi**
; ; JP (Residence); JP (Nationality);
- **TOYAMA Haruhiko**
; ; JP (Residence); JP (Nationality);
- **KOBAYASHI Takero**
; ; JP (Residence); JP (Nationality);

Legal Representative:

- **SUZUYE Takehiko et al(agent)**
c/o SUZUYE & SUZUYE, 1-12-9, Toranomon, Minato-ku, Tokyo 1050001; JP;

	Country	Number	Kind	Date
Patent	WO	200746248	A1	20070426
Application	WO	2006JP320019		20060929
Priorities	JP	2005302319		20051017

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HN; HR; HU; ID; IL;
IN; IS; KE; KG; KM; KN; KP; KR; KZ; LA;
LC; LK; LR; LS; LT; LU; LV; LY; MA; MD;
MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI;
NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU;
SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ;
TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;
VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 215206

Detailed Description:

...video title set information ADVTSI is located in the middle of one ECC block, padding information should be recorded in the residual area in that ECC block so that the next backup information ADVTSI...

21/3K/5 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING
MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTIPISEE, ET GESTION PROACTIVE AU COURS DE LA
MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE
D'APPROVISIONNEMENT RESEAUTEE**

Patent Applicant/Patent Assignee:

- **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304
US; US(Residence); US(Nationality)

Legal Representative:

- **HICKMAN Paul L(agent)**
Oppenheimer Wolff & Donnelly LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024; US;

	Country	Number	Kind	Date
Patent	WO	200139082	A2	20010531
Application	WO	2000US32228		20001122
Priorities	US	99447625		19991122
	US	99444889		19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 152479

Detailed Description:

...Delivers and automatically processes interactive online forms

Displays and analyzes real time survey reports in **text** and **graphic** format

Downloads **collected information** for offline needs

The customer relationship management**component** of the present invention also receives customer feedback and takes surveys in operation 6706. Creation...

21/3K/6 (Item 3 from file:349) [Links](#)

PCT FULLTEXT

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00557914

METHOD AND APPARATUS FOR SUPPLYING VIDEO CLIPS TO VIEWER TERMINALS
PROCEDE ET APPAREIL POUR FOURNIR DES VIDEO-CLIPS AUX TERMINAUX UTILISATEUR

Patent Applicant/Patent Assignee:

- **STARLIGHT TELECAST INC;**

; ;

- **KLOSTERMAN Brian L;**

; ;

	Country	Number	Kind	Date
Patent	WO	200021287	A1	20000413
Application	WO	99US22723		19991002
Priorities	US	98102901		19981002
	US	98106667		19981102

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 3091

Detailed Description:

...g. 10 to 30 seconds, motion picture scenes with or without sound. A national EPG data base server 12 stores program schedule data (including static text based or graphic product, service, or television program advertising messages) to be displayed on the screens of the television ..

? t /3,k/all

24/3,K/1 (Item 1 from file:16) [Links](#)

Gale Group PROMT(R)

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12353427 Supplier Number: 132367676 (USE FORMAT 7 FOR FULLTEXT)

Brooks Unveils FACTORYworks3, the Industry's First Third-Generation MES, to Optimize Manufacturing Performance and Enable the Real-Time Enterprise.

PR Newswire , p NA

July 12 , 2004

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 776

...MES system include:

-- Comprehensive, out-of-the-box functionality: FACTORYworks3 provides modeling, process planning, WIP, inventory and order tracking, data collection and analysis, equipment monitoring and work order dispatching. Packaged business rules , comprehensive Web-based reporting and an intuitive operator client reduce the configuration effort and set...

24/3,K/2 (Item 2 from file:16) [Links](#)

Gale Group PROMT(R)

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10983398 **Supplier Number:** 112785009 **(USE FORMAT 7 FOR FULLTEXT)**

Catalyst Systems Helps Java Developers Re-Focus on Writing Code with Openmake 6.3 Software.

Business Wire , p 5298

Feb 2 , 2004

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 826

...automated and auditable. Openmake's unique architecture enables build process automation through the use of **business rules** stored and maintained in the product's non-DBMS knowledgebase.

"The primary goal of Openmake is to remove the requirement for developers to perform...

24/3,K/3 (Item 3 from file:16) [Links](#)

Gale Group PROMT(R)

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08834797 Supplier Number: 76770481 (USE FORMAT 7 FOR FULLTEXT)

Data Warehousing In the CPI.

Siegel, Peter

Chemical Engineering , v 108 , n 7 , p 55

July , 2001

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal; Refereed ; Trade

Word Count: 1833

...Instead, the query must be made through the application in order to get the desired information.

With ETL tools to extract the data, based on business rules collected during user requirements, the data would then be stored into a database, using the company's selection of database software...

24/3,K/4 (Item 4 from file:16) [Links](#)

Gale Group PROMT(R)

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07504075 Supplier Number: 63020215 (USE FORMAT 7 FOR FULLTEXT)

StoreFront Now - E-Commerce Services for Microsoft FrontPage.

Business Wire , p 0309

June 28 , 2000

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 713

...account, and set up a transaction processing service if desired, and to then configure the business rules for the store's operation and setup the product inventory. The wizard then loads the StoreFront Now interface in their FrontPage web. Commerce services are...

24/3,K/5 (Item 5 from file:16) [Links](#)

Gale Group PROMT(R)

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01815577 **Supplier Number:** 42290559 (**USE FORMAT 7 FOR FULLTEXT**)

IBM, SAPIENS AGREEMENT TO ENHANCE SOFTWARE DEVELOPMENT

PR Newswire , p 1

August 13 , 1991

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 371

... IBM's solution for building applications critical to a business' needs more productively. With SAPIENS, business rules are attached to data definitions and stored as an object in a knowledge base. Enhancements to the object are easy to make and can be quickly implemented, increasing productivity while ensuring program quality...

24/3,K/6 (Item 1 from file:275) [Links](#)

Gale Group Computer DB(TM)

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02161916 **Supplier Number:** 20496368

The road to a universal repository. (proposals for metadata repositories) (Reseller special section)

(Technology Information)

Watterson, Karen

Byte , v23 , n5 , p112S(4)

May , 1998

ISSN: 0360-5280

Language: English **Record Type:** Abstract

Abstract: Repositories are database applications for IT assets, including C++ header files, component definitions, and knowledge bases. They usually hold database design information, business rules, and corporate naming standards. The need for enterprise-wide data sharing has led to domain...

24/3,K/7 (Item 2 from file:275) [Links](#)

Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rights reserved.

01443629 Supplier Number: 11154689 (Use Format 7 Or 9 For FULL TEXT)

IBM & Sapiens in software agreement. (Sapiens International)

McMullen, Barbara E.; McMullen, John F.

Newsbytes , pNEW08150001

August 15 , 1991

Language: ENGLISH Record Type: FULLTEXT

Word Count: 487 Line Count: 00041

...compliant applications in the IBM AD/Cycle application development framework.

According to the company, Sapiens business rules are attached to data definitions and stored as an object in a knowledge base. Enhancements to the object are easy to make and can be quickly implemented, increasing productivity while ensuring program quality...

24/3,K/8 (Item 1 from file:13) [Links](#)

BAMP

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00564380 24120487 1315986 (**Use Format 7 Or 9 For Fulltext**)

Best Policy: Consistency

(Competition has led to changes in both IT and business practices; new tools help companies keep internal rules in sync)

Article Author: Barnes, Michael; Gottesdiener, Ellen

Information Week , p 1A+

December 22, 1997

Document Type: Journal **ISSN:** 8750-6874 (United States)

Language: English **Record Type:** Fulltext; Abstract

Word Count: 2230 (**Use Format 7 Or 9 For Fulltext**)

Text:

...6861

www.platinum.com

AionDS: Object-oriented application development environment
enables the creation of declarative rules stored in a
knowledge

base.

BUSINESS-RULE MODELING TOOLS

Acton Technologies

Alameda, Calif.

800-967-5356

www.actiontech.com

Process Builder: Tool for designing...

24/3,K/9 (Item 1 from file:9) [Links](#)

Business & Industry(R)

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02504500 Supplier Number: 24908847(**USE FORMAT 7 OR 9 FOR FULLTEXT**)

Data Warehousing In the CPI

(An overview of data warehousing in the chemical process industries)

Chemical Engineering , v 108 , n 7 , p 55

July 2001

Document Type: Journal **ISSN:** 0009-2460 (United States)

Language: English **Record Type:** Fulltext

Word Count: 1669 (**USE FORMAT 7 OR 9 FOR FULLTEXT**)

TEXT:

...Instead, the query must be made through the application in order to get the desired information.

With ETL tools to extract the data, based on business rules collected during user requirements, the data would then be stored into a database, using the company's selection of database software...

24/3,K/10 (Item 1 from file:20) [Links](#)

Dialog Global Reporter

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42870108 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Princeton Softech Broadens Database Archiving for JD Edwards OneWorld Applications; Market Leader Delivers Latest Edition in Consistent, Cost-Effective Database Archiving for JD Edwards

BUSINESS WIRE

June 13, 2005

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 650

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Release 1.5 provides integrated archiving for JD Edwards Accounts Payable (AP) data. Through predefined archive templates, customers experience rapid implementation with seamless adaptation to site customizations and low maintenance. Functional...

...Edwards and other business critical applications is essential for companies to reduce the cost of data retention compliance and lower the total cost of ownership," said Jim Lee, vice president Product Line Management for Princeton Softech. "Input from JD Edwards sites continues to drive the development...

...committed to delivering robust, secure and scalable database archiving solutions to our customers."

A key component of Information Lifecycle Management (ILM), database archiving can improve business value and reduce infrastructure costs. By implementing...

...Servers JD Edwards EnterpriseOne Edition, sites can deploy a tiered service approach at the business object level, where fully paid and posted payments can be stored and managed separately on less...

...devices.

"It is important to recognize that the ROI is exponentially greater for archiving structured data than unstructured or semi-structured data because it is frequently replicated for various purposes, such as backup, disaster recovery, development and..."

...and Convention Center, from June 13 to 16 in Grapevine, TX. Chris Sheik, Director of Product Line Management for Princeton Softech, will address JD Edwards sites during a special session on...

...Softech

Princeton Softech (www.princetonsoftech.com), the market leader in database archiving, delivers comprehensive enterprise data management software solutions for the leading applications, databases, operating systems and hardware platforms. Princeton Softech's Active Archive(TM) Solutions enable companies to manage and store data, based on its business value, critical for information lifecycle management (ILM). Our Relational Tools(TM)

provides test data management capabilities that improve application...

24/3,K/11 (Item 1 from file:610) [Links](#)

Business Wire

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01024890 20040202033B9735 (USE FORMAT 7 FOR FULLTEXT)

Catalyst Systems Helps Java Developers Re-Focus on Writing Code with Openmake 6.3 Software-New Build Management Tool Removes Need To Write and Maintain Any XML Scripts or Makefiles

Business Wire

Monday , February 2, 2004 06:00 EST

Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

Word Count: 836

Text:

...automated and auditable. Openmake's unique architecture enables build process automation through the use of business rules stored and maintained in the product's non-DBMS knowledgebase.

24/3,K/12 (Item 1 from file:636) [Links](#)

Gale Group Newsletter DB(TM)

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03396126 **Supplier Number:** 46989587 (**USE FORMAT 7 FOR FULLTEXT**)

MICROSOFT: Microsoft announces availability of Advanced Data Connector

M2 Presswire , p N/A

Dec 23 , 1996

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 639

...changes can be sent back to the application server, where they can be processed by business rules encapsulated in server objects. Microsoft ADC is built on Microsoft OLE DB, which provides universal access to data stored in diverse information sources.

Portions of the Microsoft Advanced Data Connector were developed by Sheridan Software Systems Inc., including technology to support data controls in...

24/3,K/13 (Item 2 from file:636) [Links](#)

Gale Group Newsletter DB(TM)

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01559220 **Supplier Number:** 42293604 (**USE FORMAT 7 FOR FULLTEXT**)

IBM & SAPIENS IN SOFTWARE AGREEMENT 08/15/91

Newsbytes , p N/A

August 15 , 1991

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 463

...compliant applications in the IBM AD/Cycle application development framework.

According to the company, Sapiens business rules are attached to data definitions and stored as an object in a knowledge base. Enhancements to the object are easy to make and can be quickly implemented, increasing productivity while ensuring program quality...

24/3,K/14 (Item 1 from file:813) [Links](#)

PR Newswire

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1035265 SFW008

Microsoft Announces Availability of Advanced Data Connector

Date: December 18, 1996 **09:00 EST** **Word Count:** 619

...changes can be sent back to the application server, where they can be processed by **business rules** encapsulated in **server objects**. Microsoft ADC is built on Microsoft OLE DB, which provides universal access to **data stored** in diverse **information sources**.

Portions of the Microsoft Advanced Data Connector were developed by Sheridan Software Systems Inc., including technology to support data controls in...

? t /3,k/all

27/3K/1 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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01178075

PERFORMANCE MODELING FOR INFORMATION SYSTEMS
MODELISATION DES PERFORMANCES DE SYSTEMES D'INFORMATIONS

Patent Applicant/Patent Assignee:

- **TANNING TECHNOLOGIES CORPORATION**; 4600 South Syracuse Suite 1200, Denver, CO 80237
US; US(Residence); US(Nationality)
(For all designated states except: US)

Legal Representative:

- **BRUESS Steven C(agent)**
Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903; US;

	Country	Number	Kind	Date
Patent	WO	200499925	A2-A3	20041118
Application	WO	2004US13534		20040429
Priorities	US	2003427121		20030430

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 16856

Detailed Description:

...set of secondary components which represent the business logic associated with the system. The secondary components may take the form of **data base stored** procedures, executable program code (Cobol, assembler, C, Java, etc) or **business rules** developed for a rules based engine. Finally, the assembleoperation 71 Oa loads the software...

27/3K/2 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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01075804

**CENTRALIZED MANAGEMENT OF PACKAGING DATA WITH RULE-BASED CONTENT
VALIDATION**

GESTION CENTRALISEE DE DONNEES DE CONDITIONNEMENT AVEC VALIDATION DE CONTENU
FONDEE SUR DES REGLES

Patent Applicant/Patent Assignee:

- **3M INNOVATIVE PROPERTIES COMPANY**; 3M Center, Post Office Box 33427, Saint Paul,MN 55133-3427
US; US(Residence); US(Nationality)

Legal Representative:

- **BUSS Melissa E(et al)(agent)**
Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427; US;

	Country	Number	Kind	Date
Patent	WO	2003105047	A2	20031218
Application	WO	2003US15858		20030520
Priorities	US	2002167968		20020610

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;

PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10956

Claims:

...store template identifiers to relate the nodes with packaging templates stored in template and layout**data tables** 77F, and business rules stored in business rule data 77D. Product package-level template**data tables** 77A and product package level**data tables** 77B store information describing and relating packaging templates to various "packaging levels" of a product, i.e, the...

27/3K/3 (Item 3 from file:349) [Links](#)

PCT FULLTEXT

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00868230

SYSTEM AND METHOD FOR PROCESSING INSURANCE CLAIMS

SYSTEME ET PROCEDE DE TRAITEMENT DES DEMANDES DE REGLEMENT

Patent Applicant/Patent Assignee:

- **COMPUTER SCIENCES CORPORATION**; 9500 Arboretum Blvd., Austin, TX 78759
US; US(Residence); US(Nationality)

Legal Representative:

- **CONLEY ROSE & TAYON P C(agent)**
Delaqua, Mark, R, P.O. Box 398, Austin, TX 78767-0398; US;

	Country	Number	Kind	Date
Patent	WO	200201460	A2	20020103
Application	WO	2001US20030		20010621
Priorities	US	2000214089		20000623

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 76981

Detailed Description:

...by the externalization of formulas. In one embodiment, the database, which is external to the rules engine, may store all business rules, formulas, program instructions, data, tables, objects, etc. associated with the processing of insurance claims. In one embodiment, the database may be ... by the externalization of rules. In one embodiment, the

database, which is external to the **rules** engine, may store all **business rules**, program instructions, **data**, **tables**, **objects**, etc. associated with the processing of insurance claims. In one embodiment, the database may be data in the form of tables. Knowledge-bases may include, but not be limited to, **data**, **tables**, program instructions, **business rules**, **objects**, etc. The **data stored** in the **knowledge bases** may also be in the form of **objects**. In another embodiment, the translator program may transform data stored in tables into static instances...

27/3K/4 (Item 4 from file:349) [Links](#)

PCT FULLTEXT

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00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

Patent Applicant/Patent Assignee:

- **ACCENTURE LLP**; 100 South Wacker Drive, Chicago, IL 60606
US; US(Residence); US(Nationality)

Legal Representative:

- **BRUESS Steven C(agent)**
Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903; US;

	Country	Number	Kind	Date
Patent	WO	200073958	A2	20001207
Application	WO	2000US14459		20000524
Priorities	US	99320818		19990527

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 151011

Detailed Description:

...error information, generate error reports (such as System Investigation Reports or SIRs), classify problems, and

record information on the source of the error. Problem Management **tools** are essential for the capture of stage containment metric information.

b) What engagement factors affect the...

? show files

[File 654] **US PAT.FULL.** 1976-2007/AUG 09

(c) Format only 2007 Dialog. All rights reserved.

*File 654: IPCR/8 classification codes now searchable in 2006 records. For information about IC= index changes, see HELP NEWSIPCR.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Aug 09

(c) 2007 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Aug 08

(c) 2007 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Aug 07

(c) 2007 The Gale Group. All rights reserved.

*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.

[File 20] **Dialog Global Reporter** 1997-2007/Aug 08

(c) 2007 Dialog. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Aug 10

(c) 2007 The Gale Group. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/Aug 13

(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2007/Aug 06

(c) 2007 The Gale Group. All rights reserved.

; d s
Set Items Description
S1 21 S ((E OR ELECTRONIC OR INTELLIGENT) () CATALOG) (3N) (CREATION OR
MANAGEMENT) (7N) (MULTIMEDIA OR MULTI()MEDIA OR VIDEO)

1/3,K/2 (Item 2 from file 654) [Links](#)

US PAT.FULL.

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0005132676 **IMAGE Available

Derwent Accession: 2002-575701

Intelligent multimedia e-catalog

Inventor: Leslie Swanson, INV

Assignee: eXalt Solutions, Inc. 02), Cambridge, MA

Correspondence Address: HAMILTON, BROOK, SMITH & REYNOLDS, P.C., 530
VIRGINIA ROAD P.O. BOX 9133, CONCORD, MA, 01742-9133, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020184111	A1	20021205	US 200271266	20020207
Provisional				US 60-266978	20010207

Fulltext Word Count: 12602

Summary of the Invention:

...on the product. One preferred embodiment of the present invention provides a system for the creation of an intelligent multimedia e-catalog for network infrastructure products...

1/3,K/3 (Item 1 from file 636) [Links](#)

Gale Group Newsletter DB(TM)

(c) 2007 The Gale Group. All rights reserved.

02796819 Supplier Number: 45674005 (USE FORMAT 7 FOR FULLTEXT)

ELECTRONIC CATALOGS: MEDIASHARE'S SPEEDSTART & WEBSTART LURE NEW COMPANIES TO ELECTRONIC CATALOGS; AFFORDABLE, LIMITED-TIME OFFERS HELP USERS EXPLORE BENEFITS OF PRODUCTBASE INTERACTIVE MULTIMEDIA SALES TOOL

EDGE: Work-Group Computing Report , v 6 , n 269 , pN/A

July 17 , 1995

Language: English Record Type: Fulltext

Document Type: Newsletter ; Trade

Word Count: 652

... programs, depending on a customer's needs. The first SpeedStart offer includes complete turnkey project management for up to a 50-page multimedia, electronic catalog for \$30,000. The second SpeedStart offer includes up to a 150 page electronic, multimedia...

1/3,K/4 (Item 2 from file 636) [Links](#)

Gale Group Newsletter DB(TM)

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02467712 **Supplier Number:** 44941961 (**USE FORMAT 7 FOR FULLTEXT**)

MediaShare Offers Interactive Catalog To Businesses 08/23/94

Newsbytes , p N/A

August 24 , 1994

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 371

...businesses who want to market themselves through interactive multimedia. The company incorporates text, full-motion video, audio, and animation in the creation of a company's electronic catalog.

Speaking to Newsbytes, Peggy Lanier, general manager of MediaShare's Interactive Catalog Services Group, said...

1/3,K/5 (Item 3 from file 636) [Links](#)

Gale Group Newsletter DB(TM)

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02467130 Supplier Number: 44940112 (USE FORMAT 7 FOR FULLTEXT)

MediaShare Offers Interactive Catalog To Businesses 08/23/94

Newsbytes , p N/A

August 23 , 1994

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 371

...businesses who want to market themselves through interactive multimedia. The company incorporates text, full-motion video, audio, and animation in the creation of a company's electronic catalog.

Speaking to Newsbytes, Peggy Lanier, general manager of MediaShare's Interactive Catalog Services Group, said...

1/3,K/6 (Item 1 from file 621) [Links](#)

Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rights reserved.

02306141 **Supplier Number:** 59185744 (**USE FORMAT 7 FOR FULLTEXT**)

Daleen Announces webSTART for Rapid Launch of Web-Enabled E-Care.

Business Wire , p 1207

Feb 4 , 2000

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 455

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and EBP for online bill presentment. Designed for the unique needs...

1/3,K/7 (Item 2 from file 621) [Links](#)

Gale Group New Prod.Annou.(R)

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01505817 **Supplier Number:** 47221896 (**USE FORMAT 7 FOR FULLTEXT**)

SpaceWorks Announces Next-Generation of Self-Service Internet Software for Electronic Commerce

PR Newswire , p 0318DCTU001

March 18 , 1997

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 943

...OrderManager application supports real-time inventory and order status; partner-specific pricing; a fully searchable multimedia electronic catalog and other features which create a "self-service" order management environment. By enabling customers and partners to serve many of their own information and ordering...

1/3,K/8 (Item 1 from file 148) [Links](#)

Gale Group Trade & Industry DB

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11723342 Supplier Number: 59185744 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Daleen Announces webSTART for Rapid Launch of Web-Enabled E-Care.

Business Wire , 1207

Feb 4 , 2000

Language: English

Record Type: Fulltext

Word Count: 497 **Line Count:** 00047

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and EBP for online bill presentment. Designed for the unique needs...

1/3,K/9 (Item 2 from file 148) [Links](#)

Gale Group Trade & Industry DB

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09358625 **Supplier Number:** 19217559 (USE FORMAT 7 OR 9 FOR FULL TEXT)

SpaceWorks Announces Next-Generation of Self-Service Internet Software for Electronic Commerce

PR Newswire , p318DCTU001

March 18 , 1997

Language: English

Record Type: Fulltext

Word Count: 1034 **Line Count:** 00097

...OrderManager application supports real-time inventory and order status; partner-specific pricing; a fully searchable multimedia electronic catalog and other features which create a "self-service" order management environment. By enabling customers and partners to serve many of their own information and ordering...

1/3,K/10 (Item 3 from file:148) [Links](#)

Gale Group Trade & Industry DB

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08501484 **Supplier Number:** 18008028 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Bell Sygma Inc., Quebecor Multimedia Inc. and Gestion Conseil Mallette Inc. announce the Creation of Citius of America Inc.

Business Wire , p2191074

Feb 19 , 1996

Language: English

Record Type: Fulltext

Word Count: 461 **Line Count:** 00049

...by Quebecor Inc. and Quebecor Printing Inc., provides a complete line of electronic publishing - including electronic catalog design, creation and manufacturing - distribution and interactive multimedia services to publishers of books, newspapers, directories and magazines, as well as retailers, cataloguers, direct...

1/3,K/11 (Item 4 from file:148) [Links](#)

Gale Group Trade & Industry DB

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07981179 Supplier Number: 17228346 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MediaShare's SpeedStart and WebStart lure new companies to electronic catalogs; affordable, limited-time offers help users explore benefits of ProductBase interactive multimedia sales tool.

Business Wire , p7101150

July 10 , 1995

Language: English

Record Type: Fulltext

Word Count: 628 **Line Count:** 00067

...programs, depending on a customer's needs. The first SpeedStart offer includes complete turnkey project management for up to a 50-page multimedia, electronic catalog for \$30,000. The second SpeedStart offer includes up to a 150 page electronic, multimedia...

1/3,K/12 (Item 1 from file:20) [Links](#)

Dialog Global Reporter

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09448106 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Daleen Announces webSTART for Rapid Launch of Web-Enabled E-Care

CANADIAN CORPORATE NEWS

February 04, 2000

Journal Code: WCCN Language: English Record Type: FULLTEXT

Word Count: 440

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and EBP for online bill presentment. Designed for the unique needs...

1/3,K/13 (Item 2 from file:20) [Links](#)

Dialog Global Reporter

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09389635 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Announced at Telestrategies OSS 2000 Show Daleen Technologies, Booth No.509

BUSINESS WIRE

February 01, 2000

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 494

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and E-Order, which provides customer self-service for ordering. Designed...

1/3,K/14 (Item 3 from file:20) [Links](#)

Dialog Global Reporter

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09374209 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Daleen Announced at Telestrategies OSS 2000 Show Daleen Technologies, Booth No.509

CANADIAN CORPORATE NEWS

January 31, 2000

Journal Code: WCCN **Language:** English **Record Type:** FULLTEXT

Word Count: 446

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and E-Order, which provides customer self-service for ordering. Designed...

1/3,K/15 (Item 4 from file:20) [Links](#)

Dialog Global Reporter

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04309772 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Standard Register Honored for Technical Marketing Excellence

BUSINESS WIRE

February 12, 1999

Journal Code: WBWE Language: English Record Type: FULLTEXT

Word Count: 356

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Ohio, specializes in Windows application development,
computer/Internet-based training, MS-Office applications tool development,
electronic catalog creation, multimedia CD-ROM
titles and demo disks production, Internet/intranet development,
documentation and online help, kiosk...

1/3,K/16 (Item 1 from file:16) [Links](#)

Gale Group PROMT(R)

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06999032 **Supplier Number:** 59185744 (**USE FORMAT 7 FOR FULLTEXT**)

Daleen Announces webSTART for Rapid Launch of Web-Enabled E-Care.

Business Wire , p 1207

Feb 4 , 2000

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 455

...promotion is based on components of Daleen's E-Care(TM) product line. It includes E-Catalog, which supports the creation of a multimedia product and service catalog, and EBP for online bill presentment. Designed for the unique needs...

1/3,K/17 (Item 2 from file:16) [Links](#)

Gale Group PROMT(R)

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04912066 **Supplier Number:** 47221896 (**USE FORMAT 7 FOR FULLTEXT**)

SpaceWorks Announces Next-Generation of Self-Service Internet Software for Electronic Commerce

PR Newswire , p 0318DCTU001

March 18 , 1997

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 943

...OrderManager application supports real-time inventory and order status; partner-specific pricing; a fully searchable multimedia electronic catalog and other features which create a "self-service" order management environment. By enabling customers and partners to serve many of their own information and ordering...

1/3,K/18 (Item 3 from file:16) [Links](#)

Gale Group PROMT(R)

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03525691 Supplier Number: 44941961 (USE FORMAT 7 FOR FULLTEXT)

MediaShare Offers Interactive Catalog To Businesses 08/23/94

Newsbytes , p N/A

August 24 , 1994

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 371

...businesses who want to market themselves through interactive multimedia. The company incorporates text, full-motion video, audio, and animation in the creation of a company's electronic catalog.

Speaking to Newsbytes, Peggy Lanier, general manager of MediaShare's Interactive Catalog Services Group, said...

1/3,K/19 (Item 4 from file:16) [Links](#)

Gale Group PROMT(R)

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03524711 **Supplier Number:** 44940112 (**USE FORMAT 7 FOR FULLTEXT**)

MediaShare Offers Interactive Catalog To Businesses 08/23/94

Newsbytes , p N/A

August 23 , 1994

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 371

...businesses who want to market themselves through interactive multimedia. The company incorporates text, full-motion video, audio, and animation in the creation of a company's electronic catalog.

Speaking to Newsbytes, Peggy Lanier, general manager of MediaShare's Interactive Catalog Services Group, said...

1/3,K/20 (Item 1 from file:15) [Links](#)

Fulltext available through: [ScienceDirect](#)

ABI/Inform(R)

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01431967 00-82954

Self-service Internet software for electronic commerce

Borg, Kim

Computer Technology Review v17n5 pp: 4

May 1997

ISSN: 0278-9647 **Journal Code:** CTN

Word Count: 255

Text:

...More specifically, real-time inventory and order status; partner-specific pricing; and a fully searchable multimedia electronic catalog help to create a self-service order management setting.

This brand of self-service information-getting and ordering also allows companies to cut...

EIC2100 COMMERCIAL DATABASE SEARCH REQUEST

RUSH - SPE signature required:

JEFFREY A. SMITH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

Staff Use Only
Access DB#
Log

Business Methods Case: 705/26-27 & 345/810,703/6,27;707/102,709/224 & 713/1

Effective Filing Date: 02/17/2007

Requester's Full Name: Yogesh Garg Examiner # :78595 Date: 8/9/2007

Art Unit: 3625 Phone Number 571-272-6756 Serial Number: 10/071266

Bldg & Room #: KNX 5C09 Results Format Preferred: PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following:

Title of Invention: See Copy of Palm Bib Page, enclosed..

Inventors (provide full names): See Copy of Palm Bib Page, enclosed

Earliest Priority: 05/21/1999 60/135522

Filing Date 05/19/2000

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are:
- Remarks filed on 7/30/2007 and claim 21 filed on 7/30/2007
-

Copy of currently amended claim 21 is enclosed with relevant drawings.

CONSIDER CLAIM 21 which is directed to a computer implemented intelligent catalog system for electronic creation, management and viewing of product information using a multimedia display system.

Concept and keyword strings are:

- (1) (database near10 storing (information or data) near10 (products or items or articles or components) near15 (object near5 model)) and ((parametric near2 objects) or (graphic near2 objects) or (document near2 objects)) and (business near2 rules near5 objects).
- (2) configuration business rules objects stored hierarchically :
 - (i) storing near5 (((sub near1 products) or (replacement near2 (part or product)) near10 (information or data));
 - (ii) storing product accessories;
 - (iii) (storing rules building product solutions) or (storing rules equivalence or substitution of products).
- (3) database (meta near1 data), (dynamic reconfigure\$6) applications (new near1 product add\$3).
- (4) (Content near1 translator) converting unstructured content into structured content.
- (5) user applications configuring products each containing one or more sub-products without any custom reprogramming by storing the configuration business rules objects separate from application code of the user applications.

Garg, Yogesh

From: Smith, Jeffrey A. (AU3625)
Sent: Friday, August 17, 2007 11:34 AM
To: Garg, Yogesh
Subject: RE:

done

-----Original Message-----

From: Garg, Yogesh
Sent: Friday, August 17, 2007 9:26 AM
To: Smith, Jeffrey A. (AU3625)
Subject:

Pls. lift flags for 10947589 (Allowance conference held on 8/2/07) and 10071266 (allowance conference held on 8/9/2007).

Thanks

Yogesh

Applicant: Leslie H. Swanson
Application No.: 10/071,266
Filed: February 7, 2002

Group: 3625
Examiner: Yogesh C. Garg

PROPOSED EXAMINER'S AMENDMENT

1. 1-20. (Canceled)
21. (Examiner's Amendment) A computer implemented intelligent catalog system for electronic creation, management and viewing of product information using a multimedia display system comprising:
 - (a) a database repository storing information including executable object model code on a computer readable medium about products from one or more vendors, where the product information is stored according to an object model representing the product information, the object model including parametric objects, graphic objects, document objects, configuration business rules objects and procurement rule objects, where the object model handles is capable of handling an unrestricted number of objects for each product;
 - (b) the configuration business rules objects being stored according to a hierarchy by:
 - (i) storing information on sub-products that a product is comprised of, including storing product part replacement information;
 - (ii) storing product accessories that can be capable of being added to a product;
 - (iii) storing rules for building product solutions that incorporate product information stored in the database; or
 - (iv) storing rules for equivalence or substitution of products for use when building a product solution;
 - (c) the database using a meta data system describing the product information, the meta data system dynamically reconfiguring capable of dynamic reconfiguration of user applications when new product types are added to the database;
 - (d) [[a]] an executable content translator stored on a computer readable medium, in communication with the database, converting unstructured product content into structured product content based on the object model and the meta data system,

where the content translator indexes the structured product content in the database to create at least a portion of the product information;

(e) executable user applications stored on a computer readable medium, in communication with the database, using the object model and the meta data system, the user applications including a catalog application and a bill of materials application; and

(f) one or more of the user applications configuring and designing a product solution based on the configuration business rules objects, where the product solution being configured and designed includes one or more products each containing one or more sub-products, the architecture of the user applications enabling changes to be made to the configuration business rules objects without any custom reprogramming by storing the configuration business rules objects separate from application code of the user applications.

22. (Previously Presented) A computer implemented intelligent catalog system as in claim 21 wherein new configuration business rules are added without reprogramming the object model.

23-27 (Examiner's Amendment - Canceled)

28. (Previously Presented) A computer implemented intelligent catalog system as in Claim 21 wherein the one or more user applications are automatically adaptive to the dynamic reconfiguration of the product information.

29-44 (Examiner's Amendment - Canceled)

45. (Examiner's Amendment) A computer implemented intelligent catalog system for electronic creation, management and viewing of product information using a multimedia display system comprising:

(a) a database repository storing information including executable object model code on a computer readable medium about products from one or vendors, where the product information is stored according to an object model representing the product information, the object model including parametric objects, graphic objects, document

objects, configuration business rules objects and procurement rule objects, where the object model handles ~~is capable of handling~~ an unrestricted number of objects for each product;

(b) a generic scheme defining organization of the product information stored in the database, the scheme allows the addition of ~~being capable of adding~~ new products to the product information without any custom reprogramming, the scheme enabling data interchange and fast retrieval of the product information stored in the database;

(c) the configuration business rules objects being stored according to a hierarchy by:

(i) storing information on sub-products that a product is comprised of, including storing product part replacement information;

(ii) storing product accessories that can be capable of being added to a product;

(iii) storing rules for building product solutions that incorporate product information stored in the database; or

(iv) storing rules for equivalence or substitution of products for use when building a product solution;

(d) the database using a meta data system describing the product information, the meta data system dynamically reconfiguring ~~capable of dynamic reconfiguration of~~ user applications when new product types are added to the database;

(e) [[a]] an executable content translator stored on a computer readable medium, in communication with the database, converting unstructured product content into structured product content based on the object model and the meta data system, where the content translator indexes the structured product content in the database to create at least a portion of the product information;

(f) executable user applications stored on a computer readable medium, in communication with the database, using the object model and the meta data system, the user applications including a catalog application and a bill of materials application; and

(g) one or more of the user applications configuring and designing a product solution based on the configuration business rules objects, where the product solution being configured and designed includes one or more products each containing one or

more sub-products, where application code for the user applications is stored separate from the configuration business rules objects such that changes are capable of being made to the configuration business rules objects without having to perform custom reprogramming.

745925